

# A NEW COMBINATION IN PERSICARIA (POLYGONACEAE)

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## ABSTRACT

The following new combination in *Persicaria* is made: *Persicaria meisneriana* (Cham. & Schleidl.) M. Gómez var. *beyrichiana* (Cham. & Schleidl.) C.C. Freeman.

## RESUMEN

Se hace la siguiente combinación nueva en *Persicaria*: *Persicaria meisneriana* (Cham. & Schleidl.) M. Gómez var. *beyrichiana* (Cham. & Schleidl.) C.C. Freeman.

*Persicaria* Mill. sect. *Echinocaulon* (Meisn.) H. Gross is represented by five species in North America north of Mexico. Park (1988) monographed the section as part of *Polygonum* L. Following evidence from morphological (Haraldson 1978; Ronse Decraene & Akeroyd 1988; Ronse Decraene et al. 2000) and molecular studies (Lamb Frye & Kron 2003), sect. *Echinocaulon* will be included in *Persicaria* Mill. in the forthcoming treatment of Polygonaceae in the Flora of North America. Consequently, the following new combination is required.

**Persicaria meisneriana** (Cham. & Schleidl.) M. Gómez var. **beyrichiana** (Cham. & Schleidl.) C.C. Freeman, comb. nov. BASIONYM: *Polygonum beyrichianum* Cham. & Schleidl., Linnaea 3:42. 1828. *Polygonum meisnerianum* Cham. & Schleidl. var. *beyrichianum* (Cham. & Schleidl.) Meisn., Fl. Bras. 5:19. 1855. *Tracaulon beyrichianum* (Cham. & Schleidl.) Small, Fl. S.E. U.S., 380, 1330. 1903. TYPE: n.v. see Park (1986).

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## REFERENCES

- HARALDSON, K. 1978. Anatomy and taxonomy in Polygonaceae subfam. Polygonoideae Meisn. emend. Jaretzky. Symb. Bot. Upsal. 22:1–93.  
LAMB FRYE, A.S. and K.A. KRON. 2003. *rbcL* phylogeny and character evolution in Polygonaceae. Syst. Bot. 28:326–332.

- PARK, C.-W. 1986. Nomenclatural typifications in *Polygonum* section *Echinocaulon* (Polygonaceae). *Brittonia* 38:394–406.
- PARK, C.-W. 1988. Taxonomy of *Polygonum* section *Echinocaulon* (Polygonaceae). Mem. New York Bot. Gard. 47:1–82.
- RONSE DE CRAENE, L.P. and J.R. AKEROYD. 1988. Generic limits in *Polygonum* and related genera (Polygonaceae) on the basis of flora characters. *Bot. J. Linn. Soc.* 98:321–371.
- RONSE DE CRAENE, L.P., S.-P. HONG, and E. SMETS. 2000. Systematic significance of fruit morphology and anatomy in tribes *Persicarieae* and *Polygoneae* (Polygonaceae). *Bot. J. Linn. Soc.* 134:301–337.